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| Soggetti | Information technology Business—Data processing Computer logic Software engineering Application software Management information systems Computer science IT in Business Logics and Meanings of Programs Software Engineering Computer Appl. in Administrative Data Processing Management of Computing and Information Systems |
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| Nota di contenuto | Keynotes -- Moneyball for nanoHUB: Theory-driven and Data-driven Approaches to understand the Formation and Success of Software Development Teams -- Towards the Next Generation Intelligent BPM - In the Era of Big Data -- BPM In The Cloud -- Process mining -- Bridging Abstraction Layers in Process Mining by automated Matching of Events and Activities -- Mining Configurable Process Models from |

Collections of Event Logs -- Slice, Mine and Dice: Complexity-Aware Automated Discovery of Business Process Models -- Business Process Mining from Ecommerce Web logs -- Discovering Data-Aware Declarative Process Models from Event Logs -- Enhancing Declare Maps Based on Event Correlations -- Conformance checking -- Aligning Event Logs and Process Models for Multi-Perspective Conformance Checking: An Approach Based on Integer Linear Programming -- Conformance Checking in the Large: Partitioning and Topology -- On Enabling Compliance of Cross-organizational Business Processes -- Process data -- Verification of Query Completeness over Processes -- Modeling and Enacting Complex Data Dependencies in Business Processes -- Event Stream Processing Units in Business Processes -- Process model matching -- Predicting the Quality of Process Model Matching -- Increasing Recall of Process Model Matching by Improved Activity Label Matching -- A Visualization Approach for Difference Analysis of Process Models and Instance Traffic -- Process architectures and collaboration -- Business Process Architectures with Multiplicities: Transformation and Correctness -- Optimal resource assignment in workflows for maximizing cooperation -- Accelerating Collaboration in Task Assignment Using a Socially Enhanced Resource Model -- Alternative perspectives -- Splitting GSM Schemas: A Framework for Outsourcing of Declarative Artifact Systems -- Composing Workflow Activities on the Basis of Dataflow Structures -- Mixing Paradigms for More Comprehensible Models -- Industry papers -- An Agile BPM Project Methodology -- Declarative Modeling - An Academic Dream or the Future for BPM? -- Investigating Clinical Care Pathways Correlated With Outcomes -- Exformatics Declarative Case Management Workflows as DCR Graphs.

Sommario/riassunto

This book constitutes the proceedings of the 11th International Conference on Business Process Management, BPM 2013, held in Beijing, China, in August 2013. The 17 regular papers and 8 short papers included in this volume were carefully reviewed and selected from 118 submissions. The papers are organized in 7 topical sections named: process mining; conformance checking; process data; process model matching; process architectures and collaboration; as well as alternative perspectives, and industry paper.
